

Form C-104
Rev. 10/07VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

Contract ID <u>080328-602</u>		Date <u>6/15/08</u>
County <u>St. Charles</u>	Route <u>40</u>	Job No. <u>J6P2100</u>
Contractor <u>Collins & Hermann</u>		Original Bid Cost <u>903102020-\$14,893</u>
Designed By _____		By <u>Jared Poulette</u>
VECP # <u>VECP 08-55</u>		Phone <u>314-869-8000</u>
		VECP <input checked="" type="checkbox"/> or VECPP/PDU <input type="checkbox"/>

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages
Changing a drilled shaft footing to a spread footing. Advantages-less concrete

2. Estimate of reduction in construction costs. \$4,889.40

3. Prediction of any effects the proposed change(s) will have on other department costs, such as
maintenance and operations.

none

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the
Specifications.

6/24/08
(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract
completion time or delivery schedule.

7/03/08

(date)

(effect)

6. Dates of any previous or concurrent submission of the same proposal.

N/A

(date and/or dates)

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Designed By _____		By <u>Jared Poulette</u>
VECP # _____	(to be completed by C.O.)	Phone <u>314-869-8000</u>
		VECP <input checked="" type="checkbox"/> or VECPP/PDU <input type="checkbox"/>

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Additional Comments:

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments: This change has been accepted in the past. Need to change design options. Recommend approval of U.E. Bridge is okay with U.E. proposal



Submitted By Resident Engineer

7/14/08

Date

Comments: I AGREE WITH THE RE'S COMMENTS.
THIS SHOULD BE ADDRESSED AS A CONTRACTOR'S OPTION.



☒ Approval
Recommended

☐ Rejection
Recommended

District Engineer

7-28-08

Date

Comments: Spread footings have been approved as an option to drill shafts. See special sheet "Overhead Sign Truss". However, since that special sheet and the associated jsp stating that spread footings and drilled shafts are optional designs were not included in this contract, the VE proposal is a valid proposal and savings from the VE should be shared 50/50 with the contractor.

☒ Approval

☐ Rejection



State Construction and Materials Engineer

7/30/08

Date

Distribution: Resident Engineer, Project Manager, District Operations Engineer, State Construction and Materials Engineer
*Value Engineering Administrator - *MoDOT, P.O. Box 270, Jefferson City, MO 65102

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's ect)
- ☐ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☒ Signal/Lighting/TTS
- ☐ Misc. _____

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

Changes drilled shafts to spread footings

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

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